

Application Serial No. 10/599,581
Reply to Office Action of March 18, 2008

PATENT
Docket: CU-4563

Amendments to the Claims

The listing of claims presented below replaces all prior versions, and listings, of claims in the application.

Listing of claims:

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1. – 7. (Cancelled)

8. (Currently Amended) A filler layer for a solar cell module containing a silane-modified resin obtained by polymerizing an ethylenic unsaturated silane compound and a polyethylene for polymerization, wherein the filler layer for a solar cell module has a gel fraction of 30% or lower after production of a solar cell module when the filler layer ~~for a solar cell module~~ is used in the ~~the~~ [[a]] solar cell module, and further wherein practically no silanol condensation catalyst is contained in the filler layer.

9. (Previously presented) The filler layer for a solar cell module according to claim 8, further containing a polyethylene for addition.

10. (Previously presented) The filler layer for a solar cell module according to claim 8, wherein the polyethylene for polymerization is at least one polyethylene selected from a group of a low density polyethylene, a medium density polyethylene, a high density polyethylene, a very low density polyethylene, an ultra low density polyethylene, and a linear low density polyethylene.

11. (Previously presented) The filler layer for a solar cell module according to claim 9, wherein the polyethylene for polymerization and the polyethylene for addition are at least one polyethylene selected from a group of a low density polyethylene, a medium density polyethylene, a high density polyethylene, a very low density polyethylene, an ultra low density polyethylene, and a linear low density polyethylene.

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12. (Previously presented) The filler layer for a solar cell module according to claim 8, wherein an amount of the silane-modified resin contained therein is in a range of 1 to 80% by weight.

13. (Previously presented) The filler layer for a solar cell module according to claim 9, wherein an amount of the silane-modified resin contained therein is in a range of 1 to 80% by weight.

14. (Previously presented) The filler layer for a solar cell module according to claim 8, wherein Si (silicon) is contained in a form of a polymerized Si at the amount of 8 ppm to 3500 ppm.

15. (Previously presented) The filler layer for a solar cell module according to claim 9, wherein Si (silicon) is contained in a form of a polymerized Si at the amount of 8 ppm to 3500 ppm.

16. – 17. (Cancelled)

18. (Previously presented) A solar cell module comprising the filler layer for a solar cell module according to claim 8.

19. (New) The filler layer for a solar cell module according to claim 8, wherein an amount of the silanol condensation catalyst contained is 0.05 parts by weight or less in the resin composing the filler layer for a solar cell module of 100 parts by weight.

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20. (New) The filler layer for a solar cell module according to claim 9, wherein an amount of the silanol condensation catalyst contained is 0.05 parts by weight or less in the resin composing the filler layer for a solar cell module of 100 parts by weight.